

INCH-POUND

MIL-DTL-28840/24C

20 April 2004

SUPERSEDING

MIL-C-28840/24B(EC)

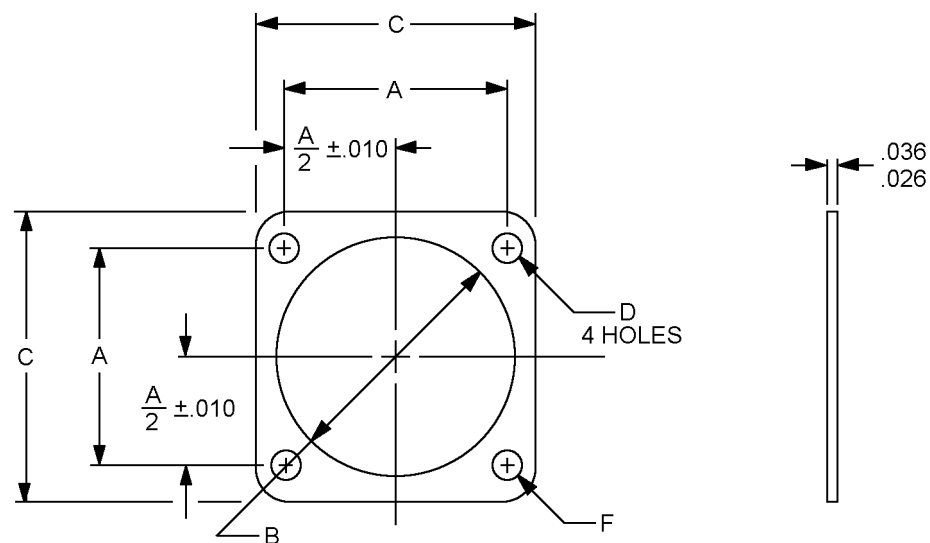
26 May 1981

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, THREADED, HIGH SHOCK,
HIGH DENSITY, SHIPBOARD, SCREW THREADS, CRIMP CONTACTS,
GASKET, FLANGE MOUNTING

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-28840.



Inches	mm
.010	0.25
.026	0.66
.036	0.91

FIGURE 1. Dimensions and configurations.

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Designator (see note 1)	A	B dia	C	D dia	F radius
A (11)	.760 (19.30) .740 (18.80)	.766 (19.46) .750 (19.05)	1.039 (26.39) 1.023 (25.98)	.130 (3.30) .110 (2.79)	.151 (3.84) .131 (3.33)
B (13)	.853 (21.67) .833 (21.16)	.891 (22.63) .875 (22.22)	1.154 (29.31) 1.138 (28.90)	.130 (3.30) .110 (2.79)	.151 (3.84) .131 (3.33)
C (15)	.978 (24.84) .958 (24.33)	1.078 (27.38) 1.062 (26.97)	1.274 (32.36) 1.258 (31.95)	.130 (3.30) .110 (2.79)	.151 (3.84) .131 (3.33)
D (17)	1.025 (26.04) 1.005 (25.53)	1.141 (28.98) 1.125 (28.58)	1.399 (26.39) 1.383 (35.13)	.130 (3.30) .110 (2.79)	.166 (4.22) .146 (3.71)
E (19)	1.150 (29.21) 1.130 (28.70)	1.338 (33.98) 1.312 (33.32)	1.524 (38.71) 1.508 (38.30)	.130 (3.30) .110 (2.79)	.182 (4.62) .162 (4.11)
F (23)	1.291(32.79) 1.271 (32.28)	1.516 (38.51) 1.500 (38.10)	1.734 (44.04) 1.718 (43.64)	.130 (3.30) .110 (2.79)	.198 (5.03) .178 (4.52)
G (25)	1.402 (35.61) 1.382 (35.10)	1.641 (41.68) 1.625 (41.28)	1.834 (46.58) 1.818 (46.18)	.157 (3.99) .137 (3.48)	.198 (5.03) .178 (4.52)
H (29)	1.578 (40.08) 1.558 (39.57)	1.891 (48.03) 1.875 (47.62)	2.154 (54.71) 2.138 (54.30)	.157 (3.99) .137 (3.48)	.229 (5.82) .209 (5.31)
J (33)	1.744 (44.30) 1.724 (43.79)	2.078 (52.78) 2.062 (52.37)	2.344 (59.54) 2.328 (59.13)	.183 (4.65) .163 (4.14)	.229 (5.82) .209 (5.31)

NOTES:

1. Shell sizes are provided within parentheses for information and are not a part of the designator.
2. Dimensions are in inches.
3. Metric equivalents are given for general information only.

FIGURE 1. Dimensions and configurations - Continued.

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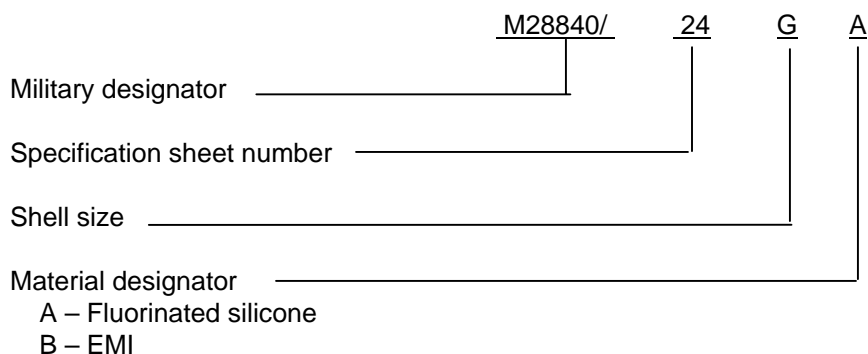
REQUIREMENTS

Dimensions and configuration: See figure 1.

Material:

Fluorinated silicone shall be in accordance with SAE-AMS-R-25988 (50 shore). Color: Blue.
EMI shielding gasket-rubber in accordance with A-A-59588, class 2, grade 30 inbedded with Monel wires in accordance with QQ-N-281.

Part or Identifying Number (PIN) example:



Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Reference documents. In addition to MIL-DTL-28840, this document references the following:

A-A-59588
SAE-AMS-R-25988
QQ-N-281

CONCLUDING MATERIAL

Custodians:

Navy - EC
DLA - CC

Preparing activity:

DLA - CC

(Project 5935-4416-013)

Review activities:

Navy - SH
NASA - NA

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online data at <http://www.dodssp.daps.mil>.